

## **AMENDMENTS TO THE CLAIMS**

### **Claim 1 (Canceled)**

**Claim 2 (Previously Presented):** The flat panel display of claim 16, further comprising:  
an insulating dielectric layer interposed between the inside surfaces of said front and  
rear glass plates.

### **Claim 3 (Canceled)**

**Claim 4 (Previously presented):** The flat panel display of claim 16, wherein said metal  
heater  
layer is patterned onto said TFT array layer.

**Claim 5 (Previously presented):** The flat panel display of claim 16, wherein said metal  
heater  
layer is behind said black mask EMI layer.

### **Claim 6 (Canceled)**

**Claim 7 (Previously presented):** The flat panel display of claim 16, wherein said metal  
heater  
layer comprises a grid of intersecting horizontal and vertical lines.

**Claim 8 (Previously presented):** The flat panel display of claim 16, further comprising an

insulating dielectric over-coated onto said metal heater layer.

**Claim 9 (Previously presented):** The flat panel display of claim 16, further comprising:  
at least one thermal sensor integral to said TFT array layer.

**Claim 10 (Previously presented):** The flat panel display of claim 9, wherein each said  
thermal  
sensor comprises of an array of diodes.

**Claim 11 (Canceled)**

**Claim 12 (Previously Presented):** A flat panel display comprising:  
a front glass plate;  
a rear glass plate;  
a layer of liquid crystals interposed between said front and rear glass plates;  
a TFT array layer interposed between said front and rear glass plates; and  
a metal heater layer integral to said TFT array layer.

**Claim 13 (Original):** A flat panel display according to claim 12, wherein said metal heater  
layer  
is patterned onto said TFT array layer.

**Claim 14 (Original):** A flat panel display according to claim 12, where said metal heater  
layer is  
comprised of a grid of intersecting horizontal and vertical lines.

**Claim 15 (Canceled)**

**Claim 16 (Original):** A flat panel display according to claim 12, further comprising:  
a black mask EMI layer interposed between said front and rear glass plates and wherein  
said black mask EMI layer is electrically tied to zero potential and isolated from Vcom.

**Claim 17 (Canceled)**

**Claim 18 (Previously presented):** The flat panel display of claim 12, further comprising:  
at least one thermal sensor integral to said TFT array layer.

**Claim 19 (original):** The flat panel display of claim 18, wherein said at least one thermal  
sensor  
is applied onto said TFT array layer.

**Claim 20 (original):** The flat panel display of claim 18, wherein each said at least one  
thermal  
sensor comprises an array of diodes.

**Claim 21 (Canceled)**